METHOD AND SYSTEM FOR UPDATING
DATA IN A COMPRESSED READ CACHE

ABSTRACT

5   In a first aspect, a method is provided for updating a compressed cache. The method includes the steps of (1) initiating an update routine for replacing first data stored within the cache with second data, wherein a first section of a compressed data band stored in the cache

10   includes the first data and a second section of the compressed data band includes third data; and (2) in response to initiating the update routine, replacing the first data within the compressed data band with the second data without decompressing the third data. Numerous other

15   aspects are provided.